

Patent claims

1. A cage (1) for inclined ball bearings (2) having ball pockets (4) which are adjacent to one another and are delimited from one another by webs (8), retaining lugs (10) protruding from the webs (8), characterized in that the elastically resilient retaining lugs (10) are provided with flanks (11) which point in the opposite direction on the circumferential side and are inclined toward one another.
2. The cage as claimed in claim 1, characterized in that each of the flanks (11) is described by at least one straight body edge (13), the body edge (13) being inclined by an angle with respect to an imaginary plane, the plane emanating from the rotational axis (3) of the cage (1) and being aligned here with the rotational axis (3) in the axial direction of the cage (1).
3. The cage as claimed in claim 2, characterized in that each of the flanks (11) is inclined with respect to a straight line which is imaginary and intersects the rotational axis (3) here.
4. The cage as claimed in claim 2, characterized in that the circumferential spacing of two flanks (11) which face away from one another on a retaining lug (10) increases with decreasing radial distance from the rotational axis (3).
5. The cage as claimed in claim 2, characterized in that the flanks (11) are flat faces (13a), the faces (13a) being inclined at an acute angle with respect to one another.

6. The cage as claimed in claim 1, characterized in that the retaining lugs (10) protrude from face sections (17) on the webs (8), the face sections (17) facing the rotational axis (3).

7. The cage as claimed in claim 1, characterized in that each of the ball pockets (4) has at least one side wall (14) having an approximately uniform wall thickness, the side walls (14) being arched at least in the axial direction, starting from the webs (8).

8. The cage as claimed in claim 7, characterized in that the retaining lugs (10) protrude the furthest in the axial direction at most as much as the side walls (14) protrude the furthest in the axial direction, starting from the web (8).

9. The cage as claimed in claim 1, characterized in that the cage (1) has a side rim (9) which runs on the circumferential side, the side rim (9) delimiting the ball pockets (4) axially opposite the side walls (14).

10. The cage as claimed in claim 9, characterized in that the smallest radial spacing of the side rim (9) from the rotational axis (3) of the cage (1) is greater than the greatest radial spacing of the side walls (14) from the rotational axis (3).